

SAI CHANDRA MOULI TADIPARTHI

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Objective

A budding software engineer seeking opportunity for an internship in the field of cybersecurity as a malware analyst or related in an intriguing corporate environment that focuses on malware detection, cybersecurity, networks and digital forensics to learn and to enhance own skills, while making a significant contribution to the success of the company.

Education

Degree

- Course: B.Tech. – Computer Science and Engineering
- Institution & University: Amrita Vishwa Vidyapeetham, Coimbatore
- Period: 2017-2021
- CGPA: 9.54/10 (4th Semester)

Higher Secondary Education

- Stream / Subjects: Physics, Chemistry, Mathematics
- Institution: Narayana Junior College, Kakinada
- Period: 2015-2017
- Board: Board of Intermediate Education Andhra Pradesh (BIEAP)
- Marks / Grade: 975/1000 (97.5%)

Secondary Education

- Institution: Narayana e-Techno School, Kakinada
- Period: 2014-2015
- Board: Board of Secondary Education, Andhra Pradesh
- Marks / Grade: CGPA – 9.8/10 (10th SSC)

Areas of Technical Interest:

- 1: Web and App development
- 2: Cloud Computing
- 3: Internet of Things
- 4: Networks and Cybersecurity with special interest in web, reversing, forensics

Projects

1. Topic: Deep Learning Segmentation Logic (August 2019)
 - Objective: To log accurate time-stamps of the audible voice clips in a continuous audio stream
 - Tools or techniques used: Bi-directional LSTM, Google Colab
 - Outcome: A DL model that reads a large audio file and segments the audio with an accuracy >95%
2. Topic: Research paper on Vulnerabilities in Telegram (Social Media App) (April 2019 – Present)
 - Objective: To find vulnerable spots ranging from application layer to transport layer in common IM apps
 - Tools and techniques used: MobSF, source deobfuscation
 - Outcome: Work in progress

3.Topic: Survey on performance of few object detection algorithms for mobile platforms

- Objective: To prepare a survey paper on few available object algorithms that are portable to android and to compare their performance
- Tools or techniques used: Android Studio, TensorFlow
- Outcome: work under progress

4.Topic: Amrita Event Log (November 2018 – December 2018)

- Objective: To build an Android App to gather and display details of all ongoing events
- Tools or techniques used: Android Studio, Firebase
- Outcome: An android app that displays details of all ongoing events

Other Technical Qualifications:

- Programming languages known: C, C++, Core Java, Python
- Tools: Android Studio, socket.io,
- Adequate knowledge in MERN stack (using both RDS and Non-RDS)
- Certified by CISCO on
 1. CCNA course
 2. Cybersecurity Essentials
 3. Linux Essentials
- Attended workshops conducted by CISCO on dev_net API design and fundamentals of IoT
- Adequate knowledge on both Linux and Windows environments

Achievements, Scholarships, Honors, Contributions:

- Participated in various CTFs like HACKCON, XIOMARA CTF (by AMRITA), BCACTF, GOOGLE BEGINNER'S QUEST CTF, Cyber Disease
- Ranked 109 in CODEFEST-CTF by IIT-BHU
- Country Rank of 91 on CTFTIME.org
- Ranked 76 of 450 in AFFINITY CTF by Akamai group
- Conducted a workshop on Glimpse of Cybersecurity and CTF contests
- 2nd Runner up in SLAC Honeywell Hackathon 2019
- Attended ACM Summer School on Cybersecurity and Data Analytics at IIIT Delhi in July 2019
- Elected Executive office bearer of ASCII and CSI clubs (2019 – Present)
- One of the branch toppers in 2017-18 with a SGPA of 9.8/10
- Recipient of Amritanidhi scholarship based on AEEE entrance rank
- Winner of academic excellence award in 11th and 12th standards

Extra-Curricular Activities:

1. Member of Sahaya, ASCII, and NSS.
2. Student coordinator for End2End Security workshop conducted by Cisco for Anokha 2019.

Personal details

- Date of Birth: 29th July 1999
- Language proficiency: Telugu, Hindi and English
- Hobbies / Interests: Reading novels, playing keyboard, playing Badminton and football
- Contact Address: G.305, Amrita School of Engineering, Ettimadai, Tamil Nadu-641112
- Permanent Address: Door.no: 7-4-23, Seshasai street, Ramaraopeta, Kakinada, Andhra Pradesh-533004

I hereby declare that the above-mentioned details are true to the core of my knowledge and any mistakes are unintentional.

Place: Amrita Vishwa Vidyapeetham, Ettimadai

Signature:

Date: October 10, 2019

(Name: T Sai Chandra Mouli)